

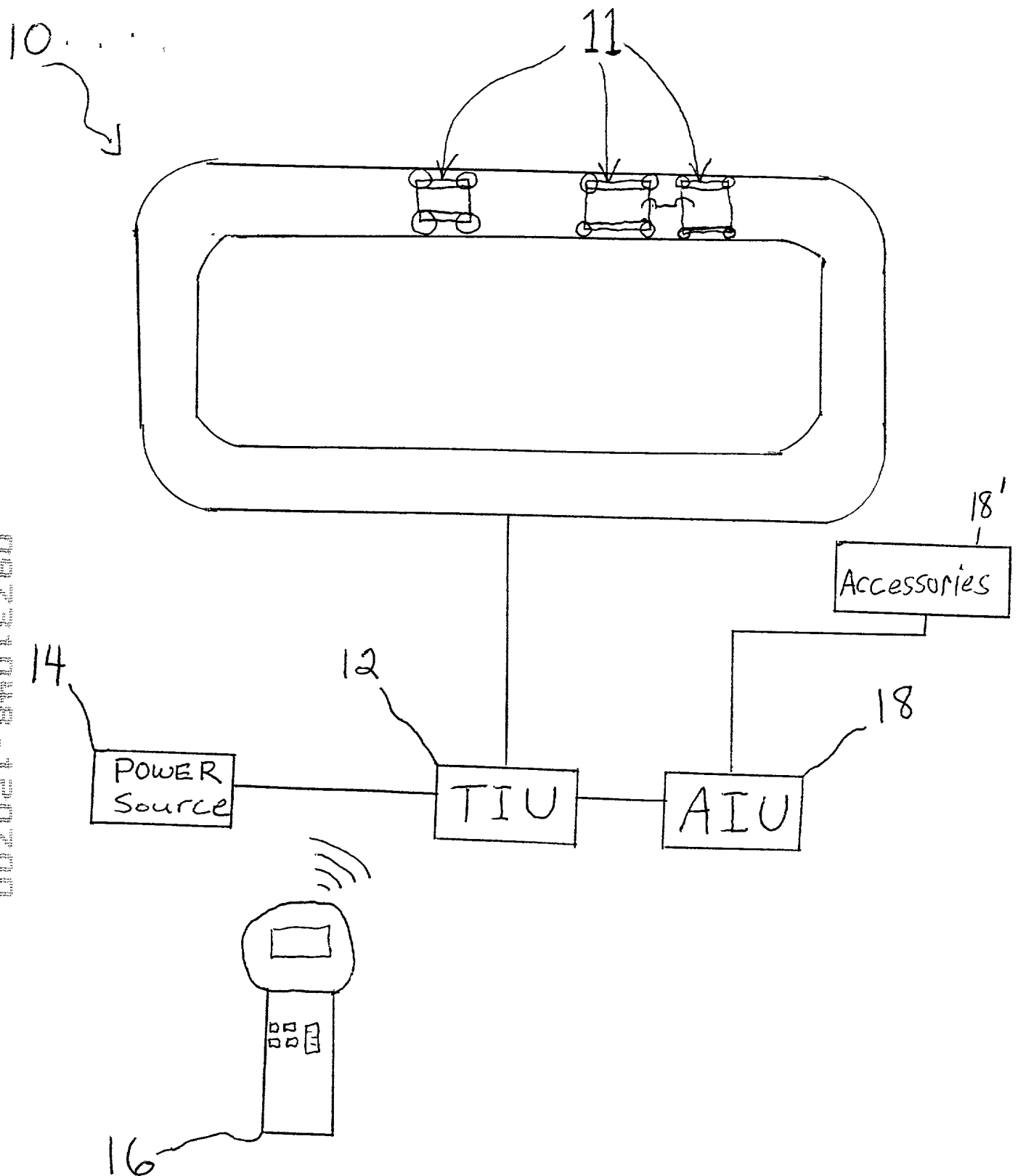
[illegible]

Figure 1

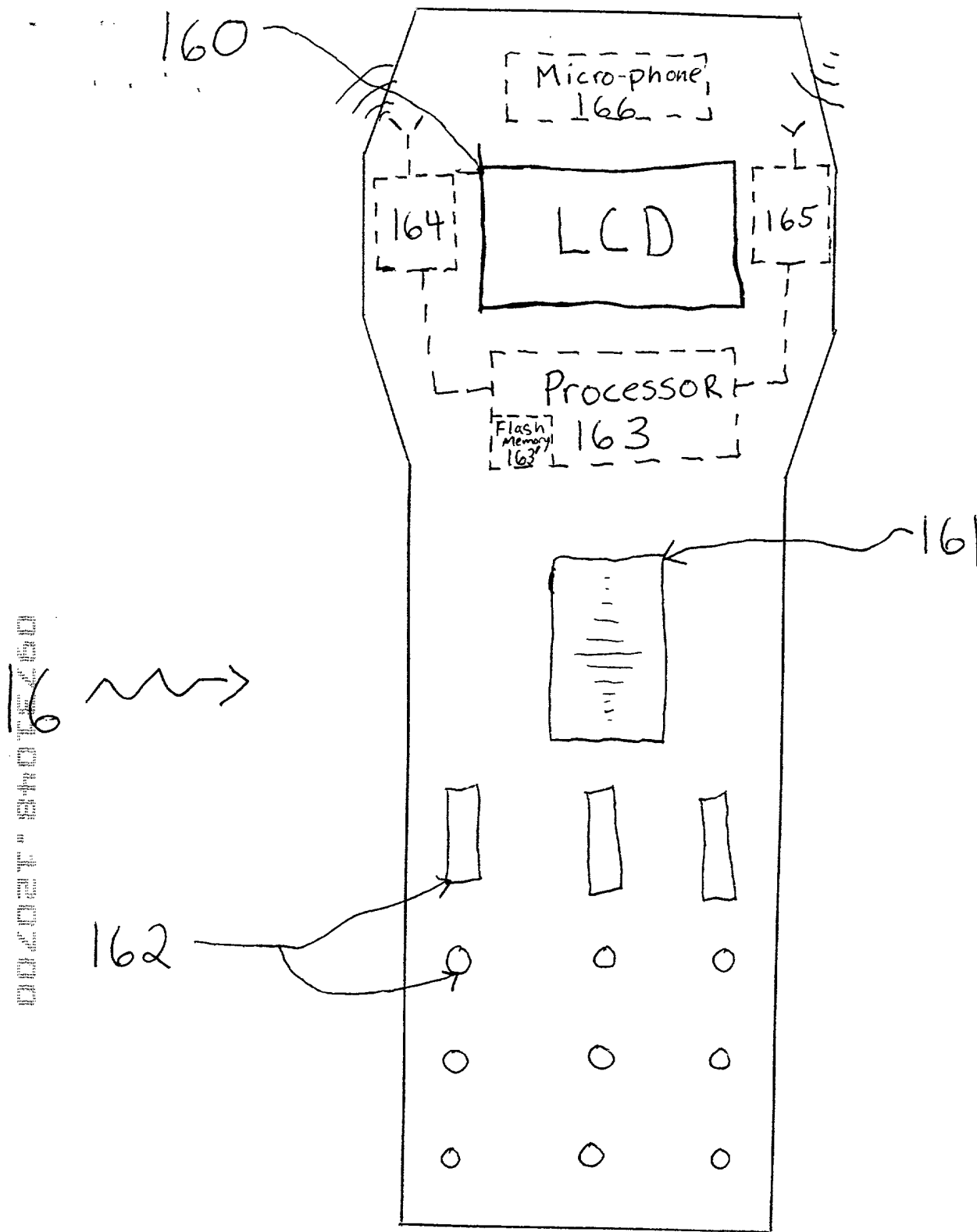


Figure 2

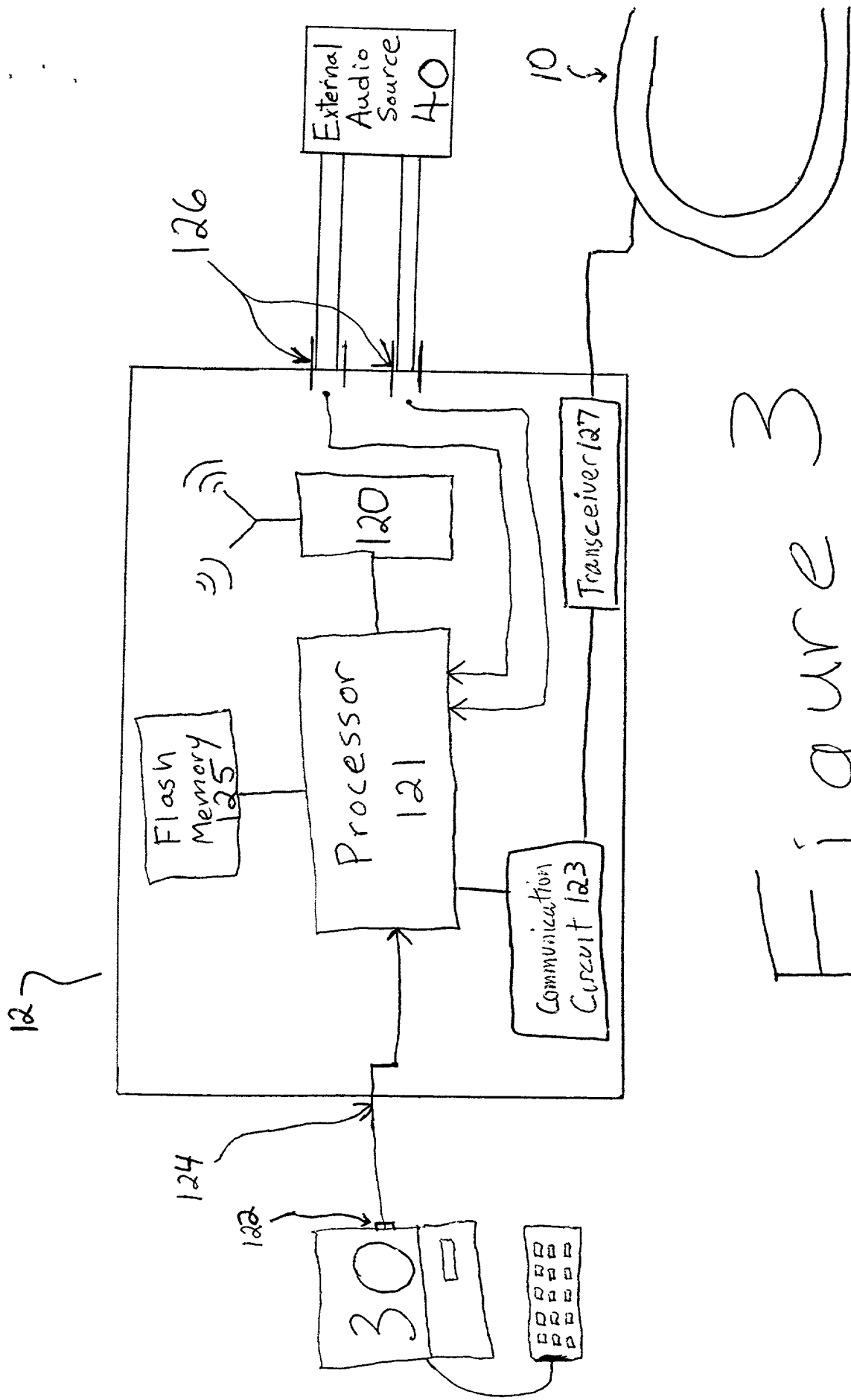


Figure 3

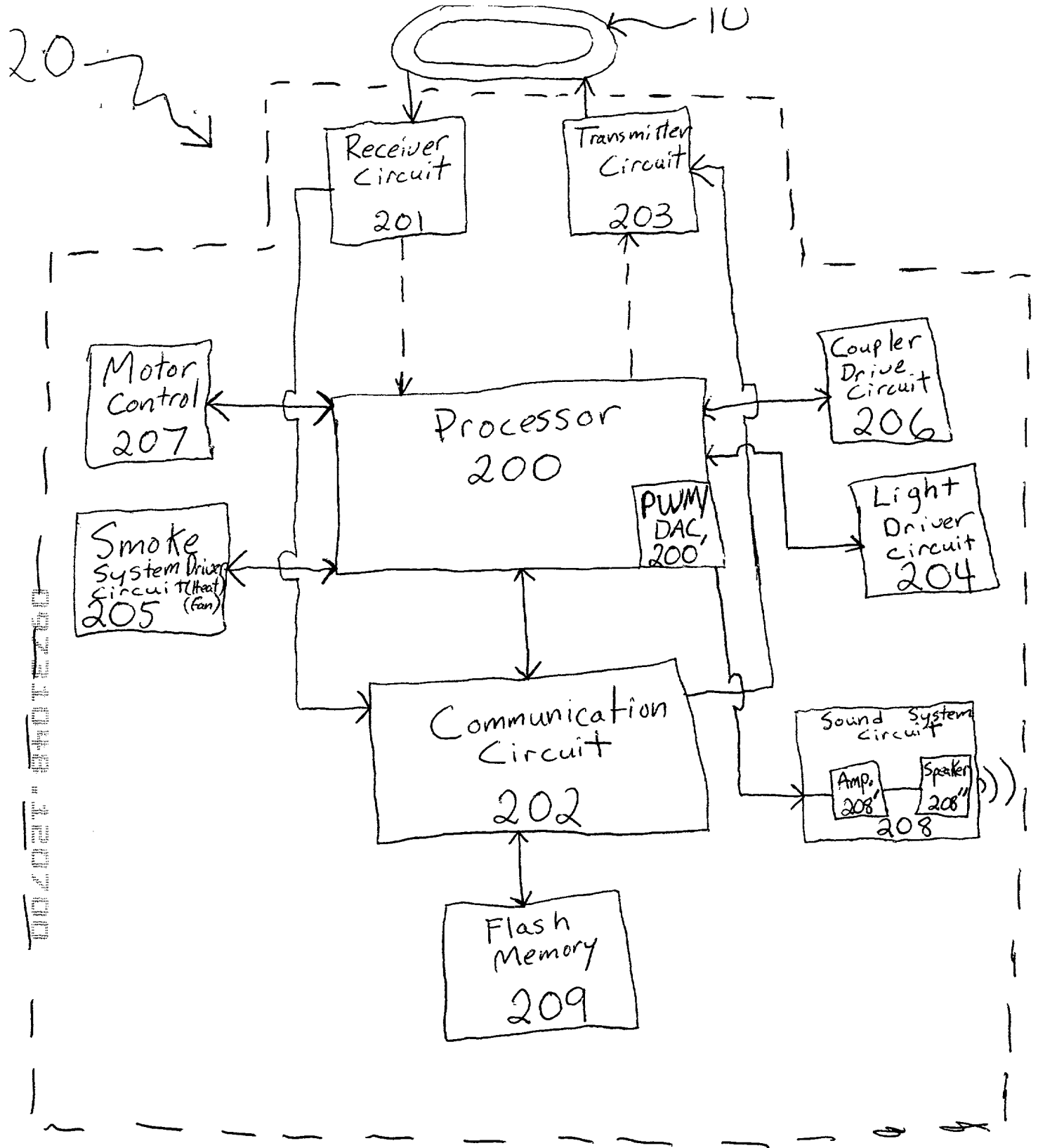


Figure 4

20

20021-237663

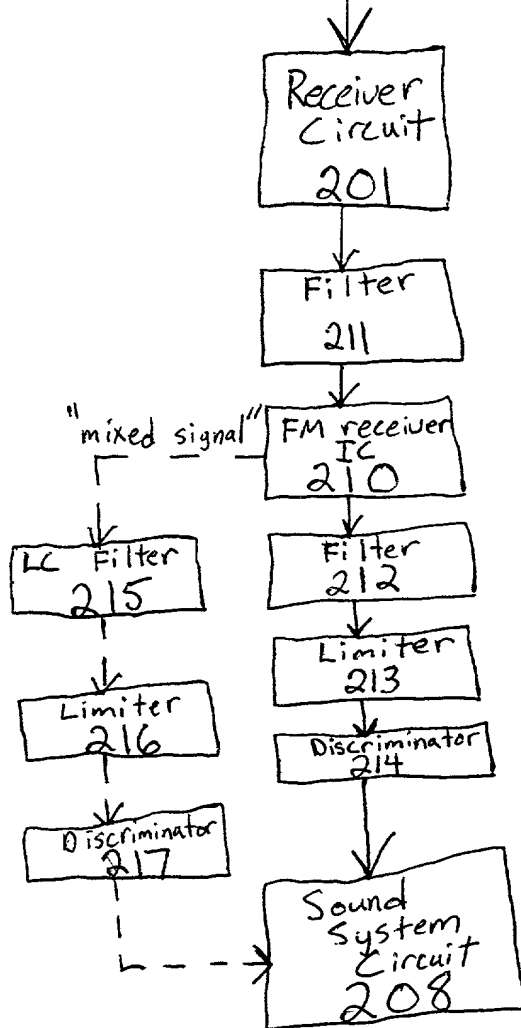
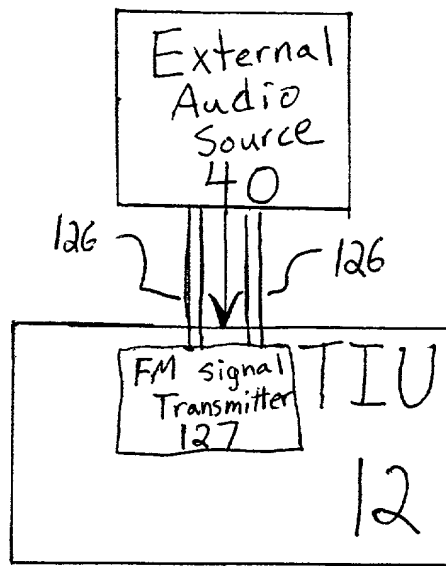


Figure 4A

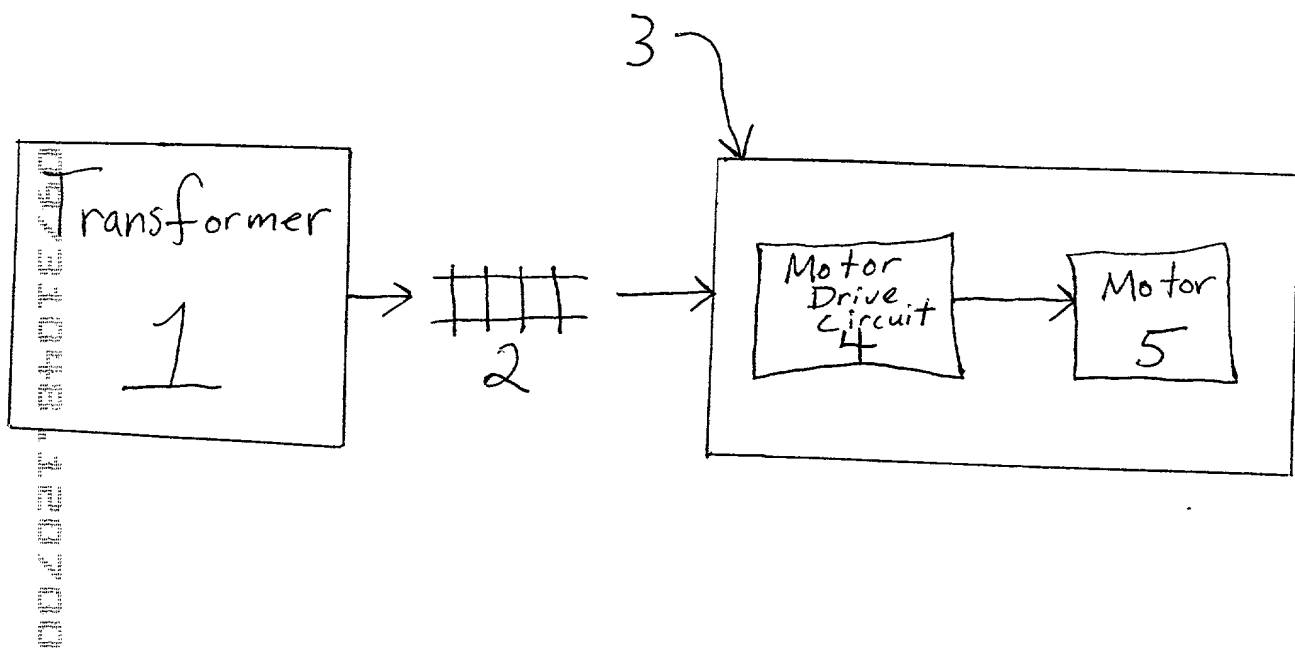


Figure 5
(Prior Art)

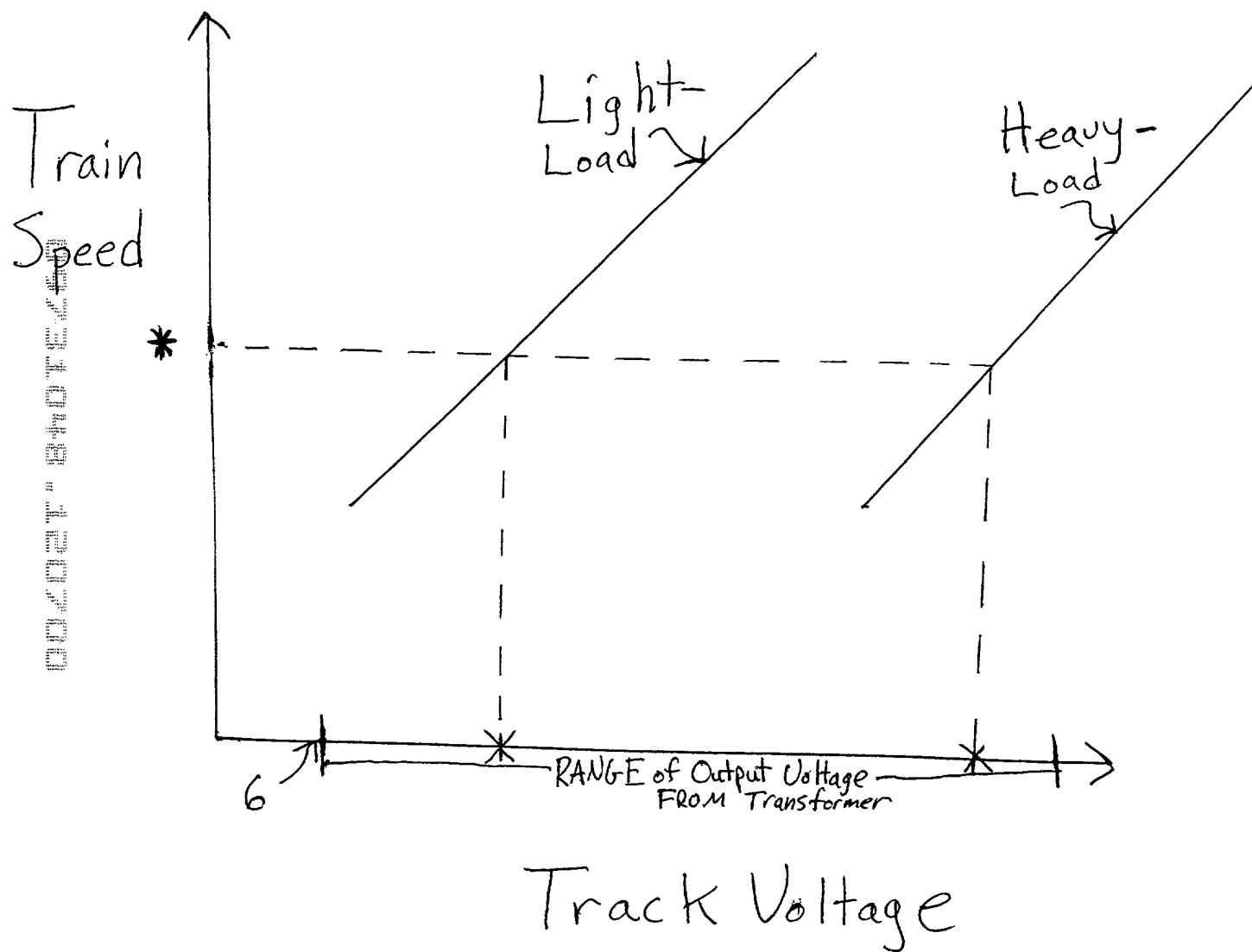


Figure 6

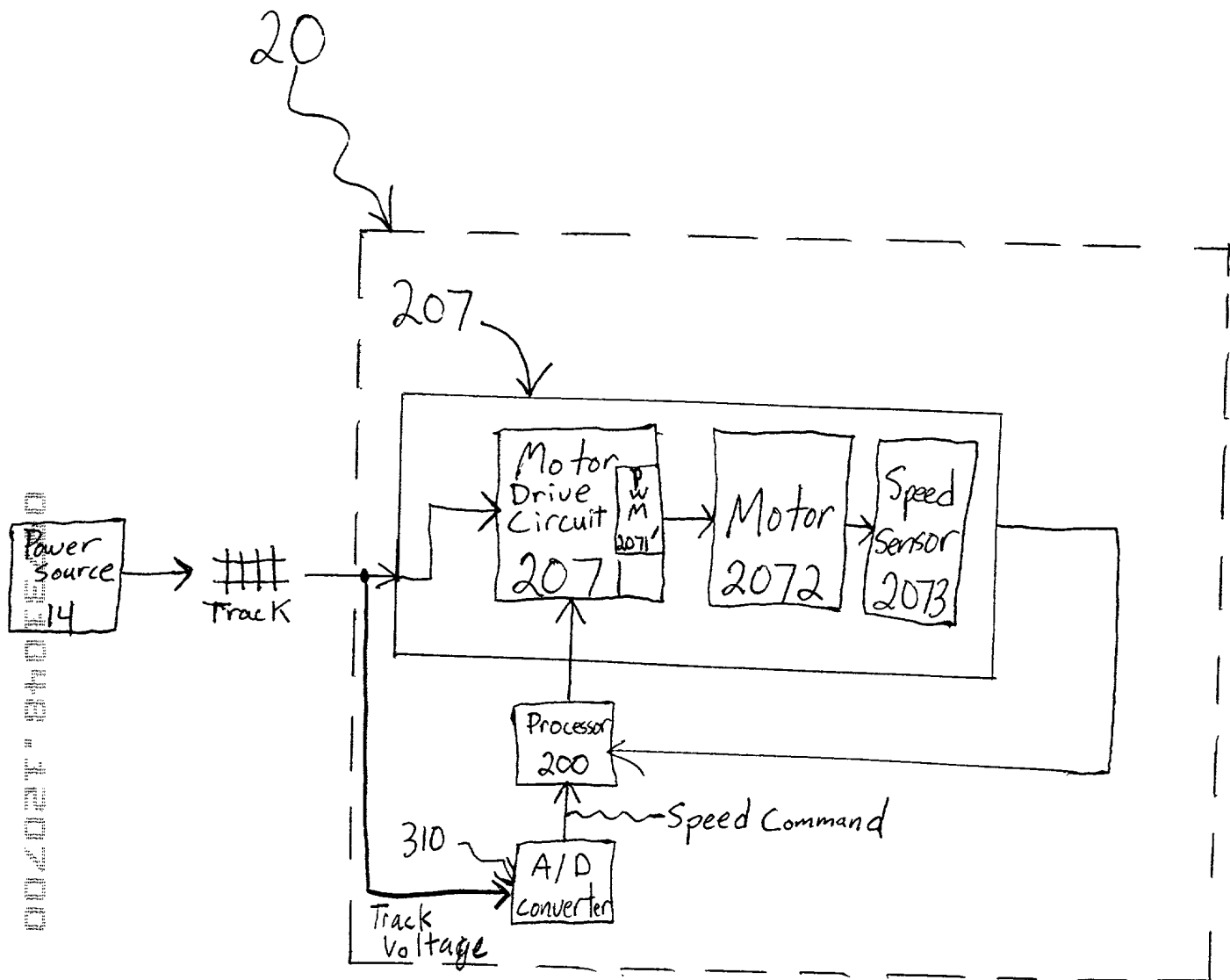


Figure 7

V^+ Rectified Track Voltage

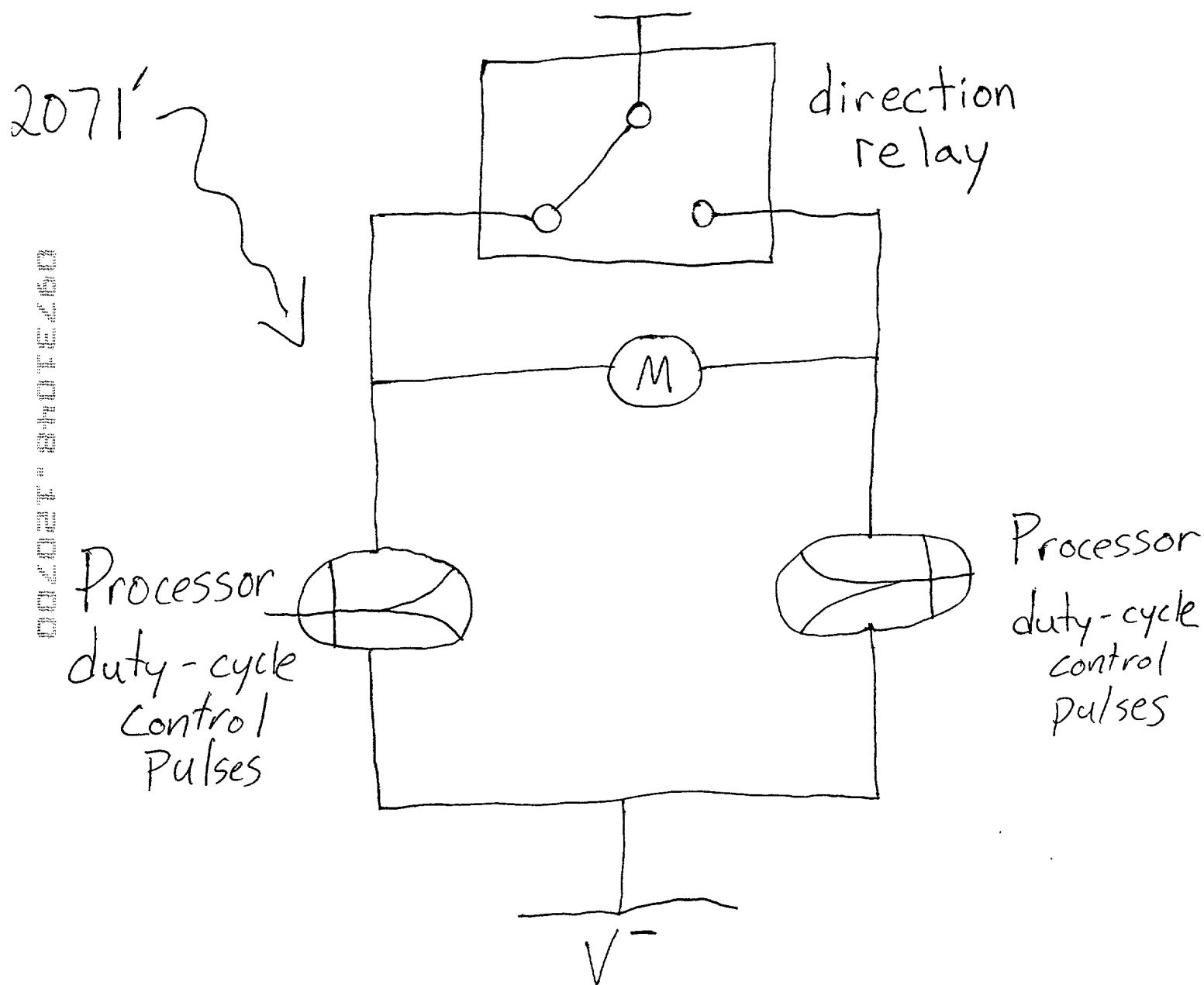


Figure 8

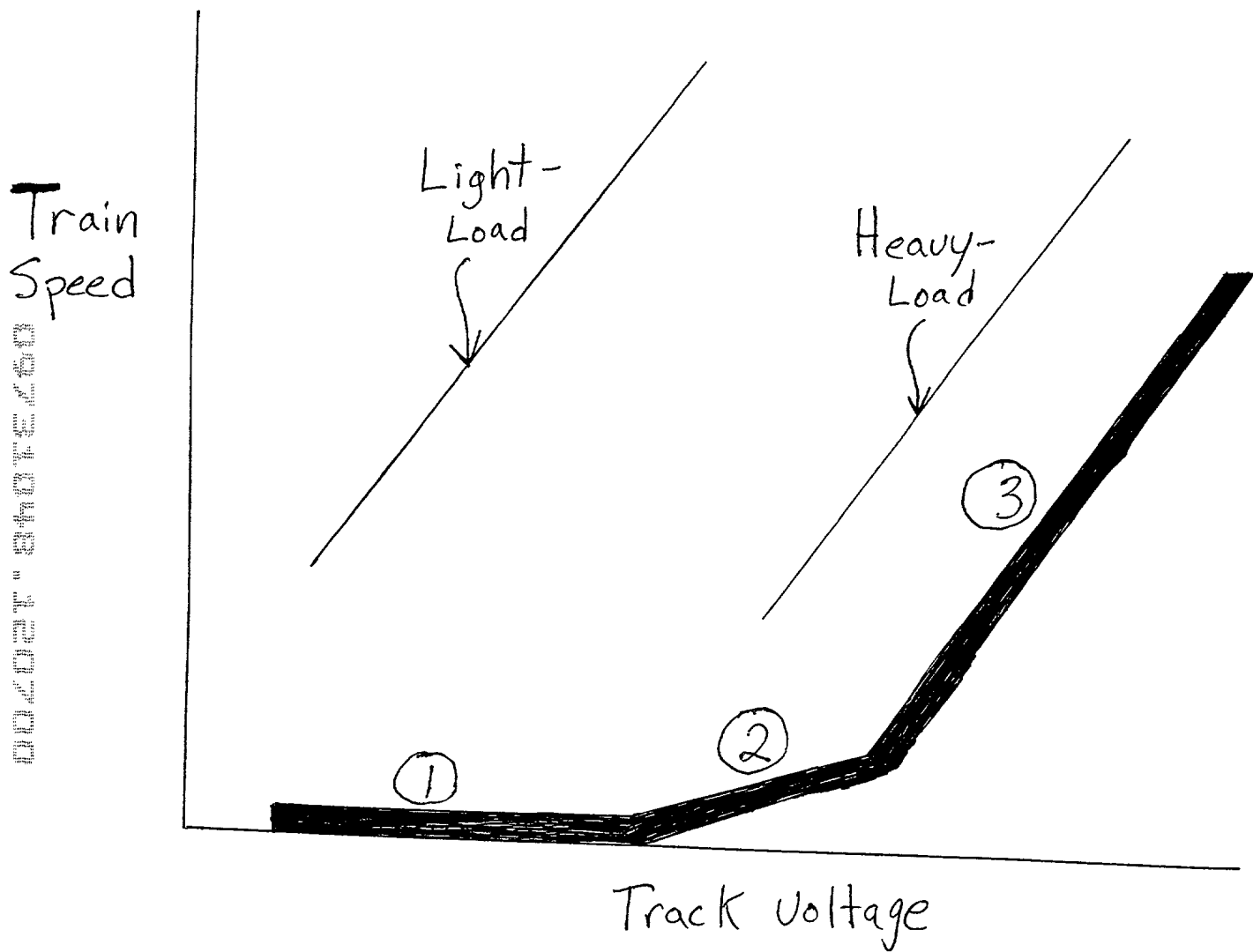


Figure 9

Figure 1 consists of 12 line graphs, labeled (a) through (l), arranged vertically. Each graph plots a different physiological parameter over a 10-minute period. The x-axis for all graphs is 'Time (min)' with major ticks at 0, 5, and 10. The y-axis for each graph is labeled with the parameter name and its units. The graphs show the following trends:

- (a) HR (b/min): Increases from approximately 70 to 80 b/min.
- (b) BP (mmHg): Decreases from approximately 120 to 100 mmHg.
- (c) SV (ml): Increases from approximately 70 to 100 ml.
- (d) SVI (ml/m²): Increases from approximately 1.0 to 1.2 ml/m².
- (e) CO (l/min): Increases from approximately 5.0 to 6.0 l/min.
- (f) COI (l/min/m²): Increases from approximately 2.0 to 2.2 l/min/m².
- (g) P (mmHg): Decreases from approximately 120 to 100 mmHg.
- (h) P (mmHg): Decreases from approximately 120 to 100 mmHg.
- (i) P (mmHg): Decreases from approximately 120 to 100 mmHg.
- (j) P (mmHg): Decreases from approximately 120 to 100 mmHg.
- (k) P (mmHg): Decreases from approximately 120 to 100 mmHg.
- (l) P (mmHg): Decreases from approximately 120 to 100 mmHg.



Figure 10b
(Prior Art)

150 ↗

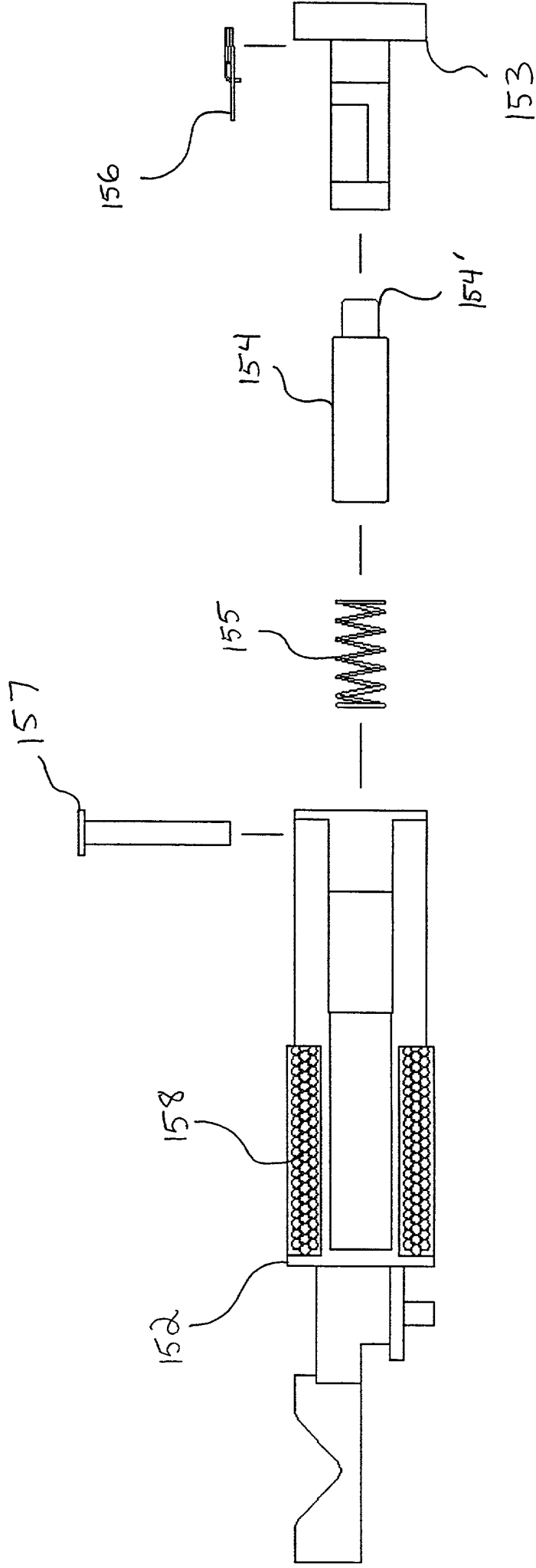
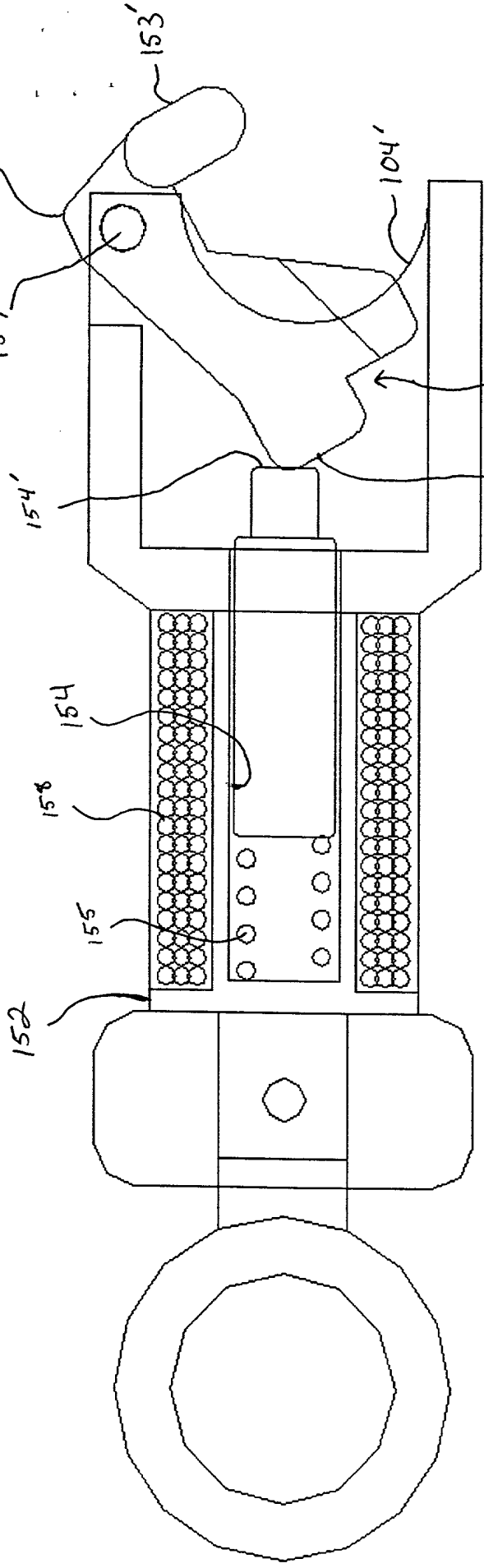


Figure 12a
(Prior Art)

150

Figure 12b
(Prior Art)



150

Figure 12c
(Prior Art)

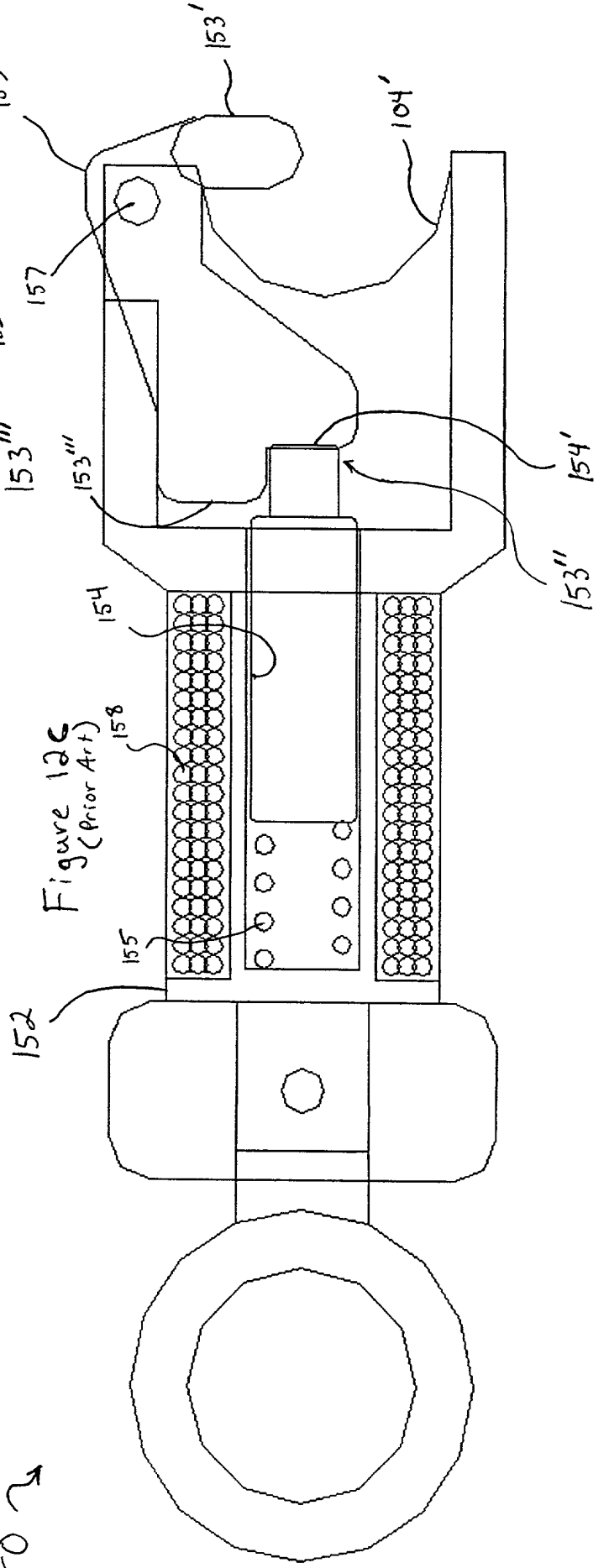


FIG. 13a

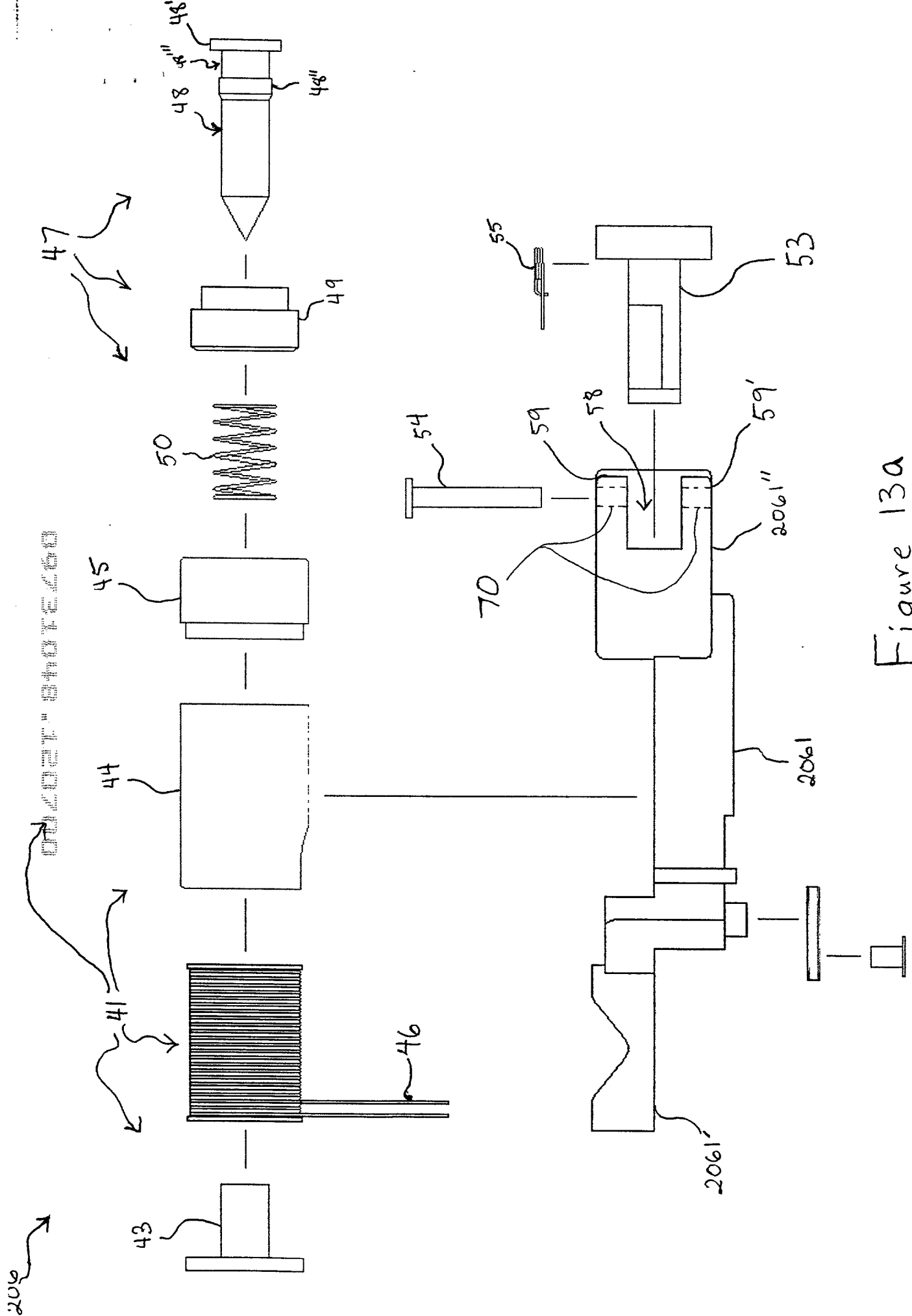


Figure 13a

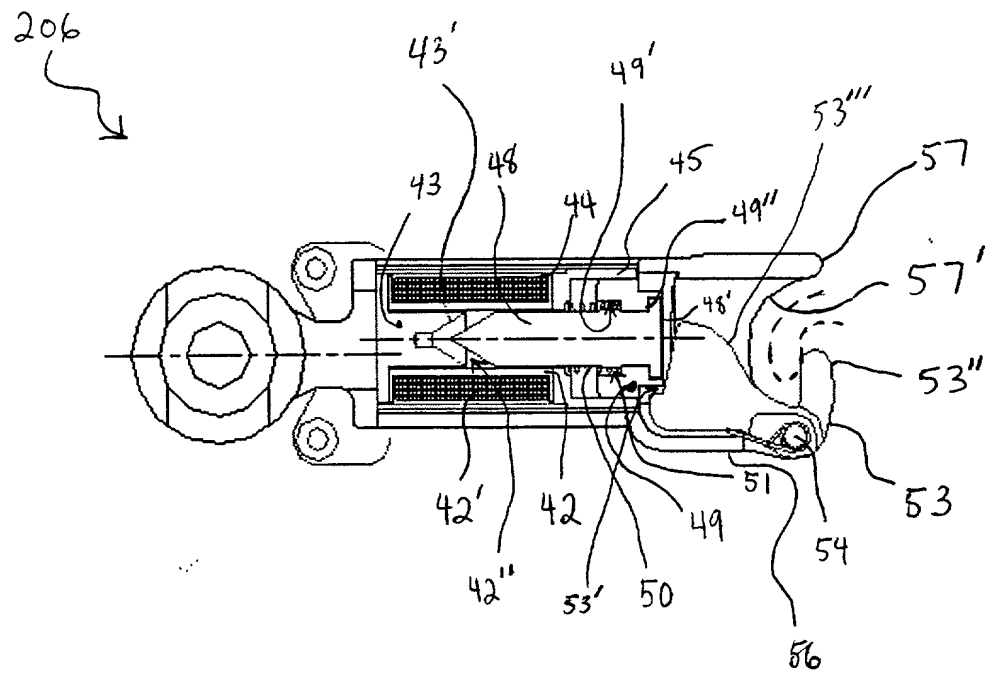


Figure 13b

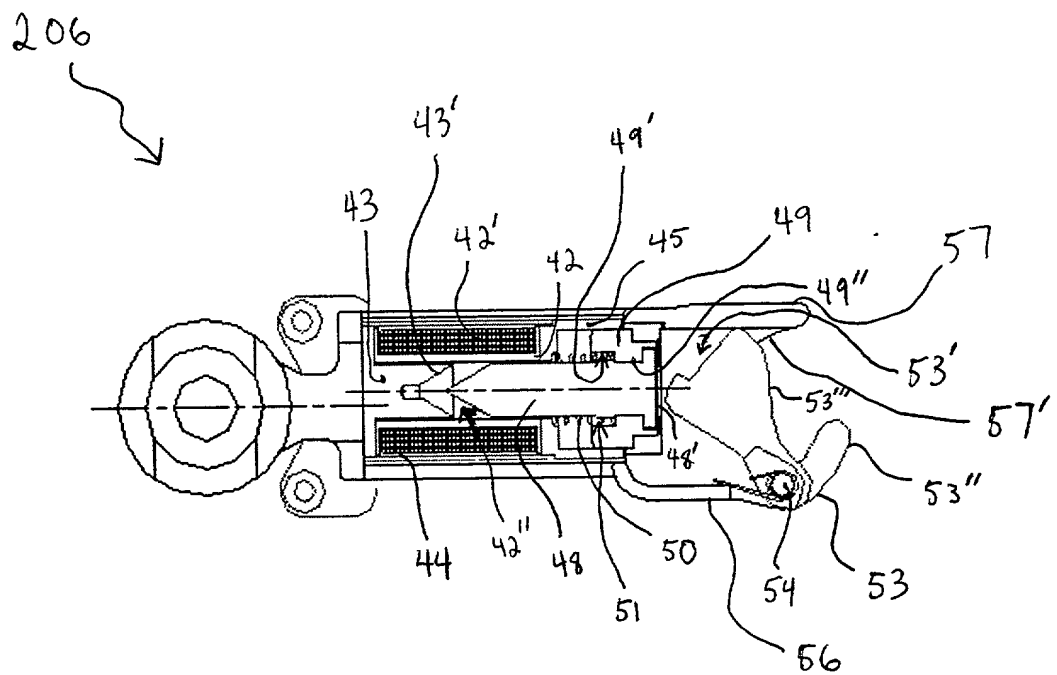


Figure 13c

Figure 13d

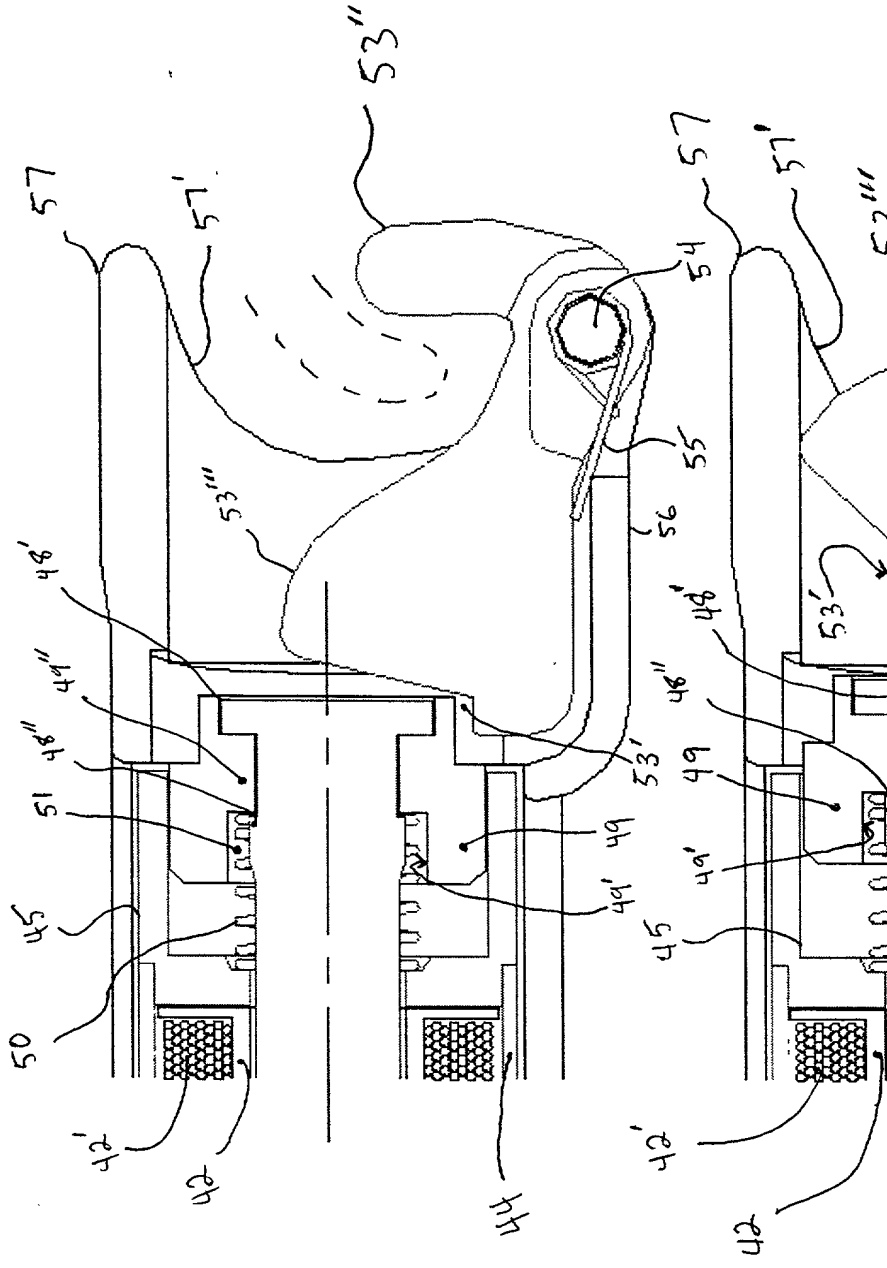
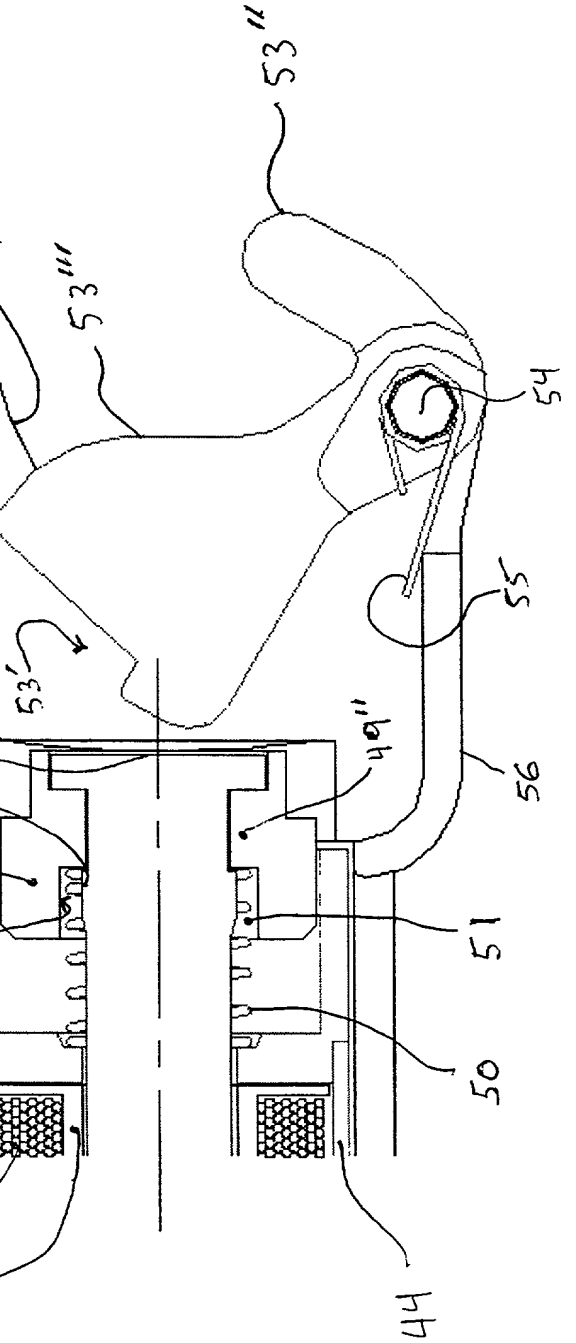


Figure 13e



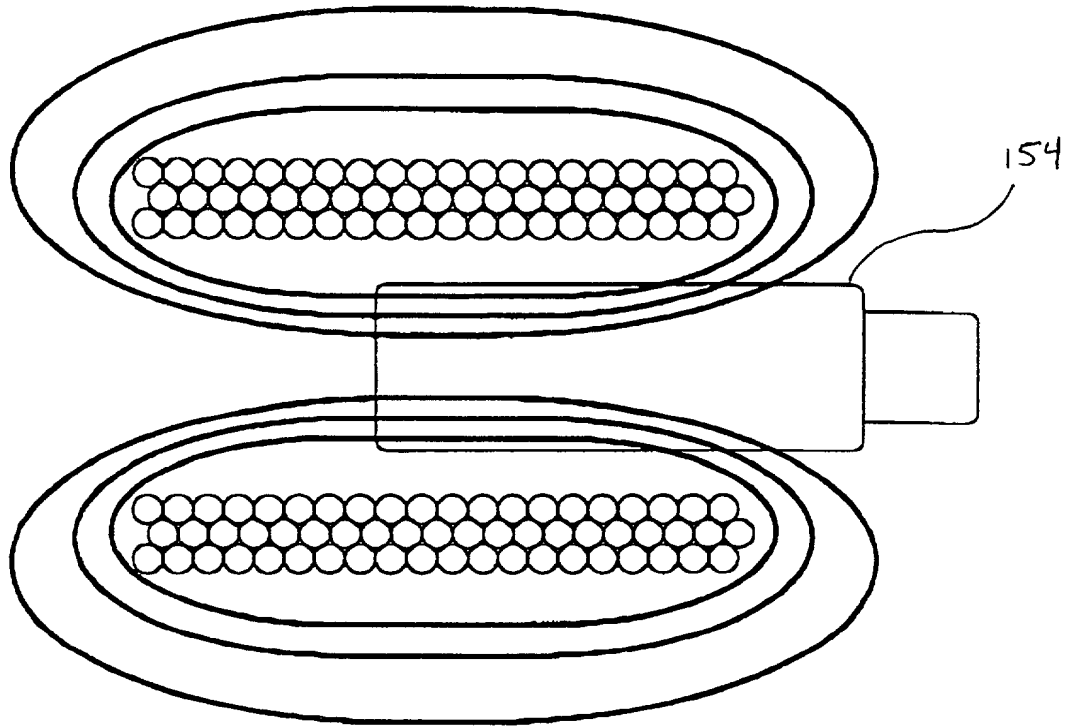
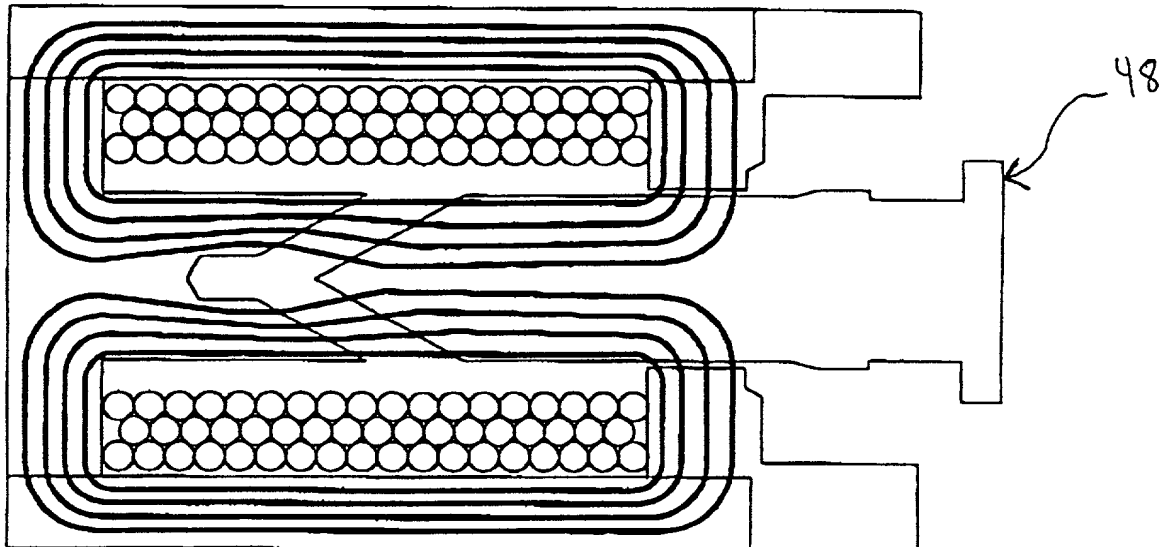


Figure 13f
(Prior Art)

Figure 13g



144

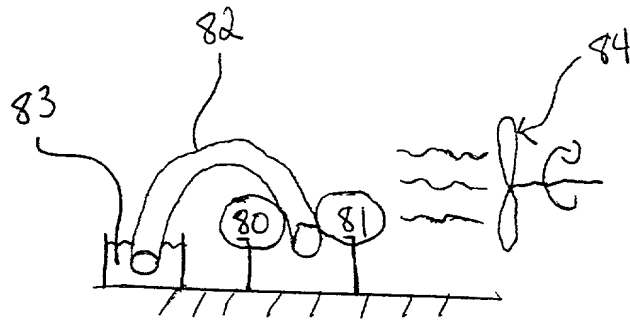


Figure 14a

144

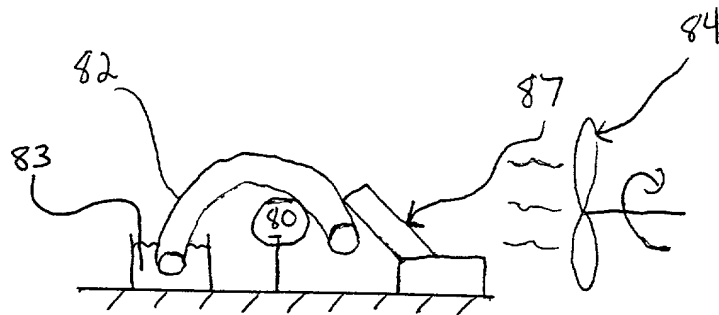


Figure 14b

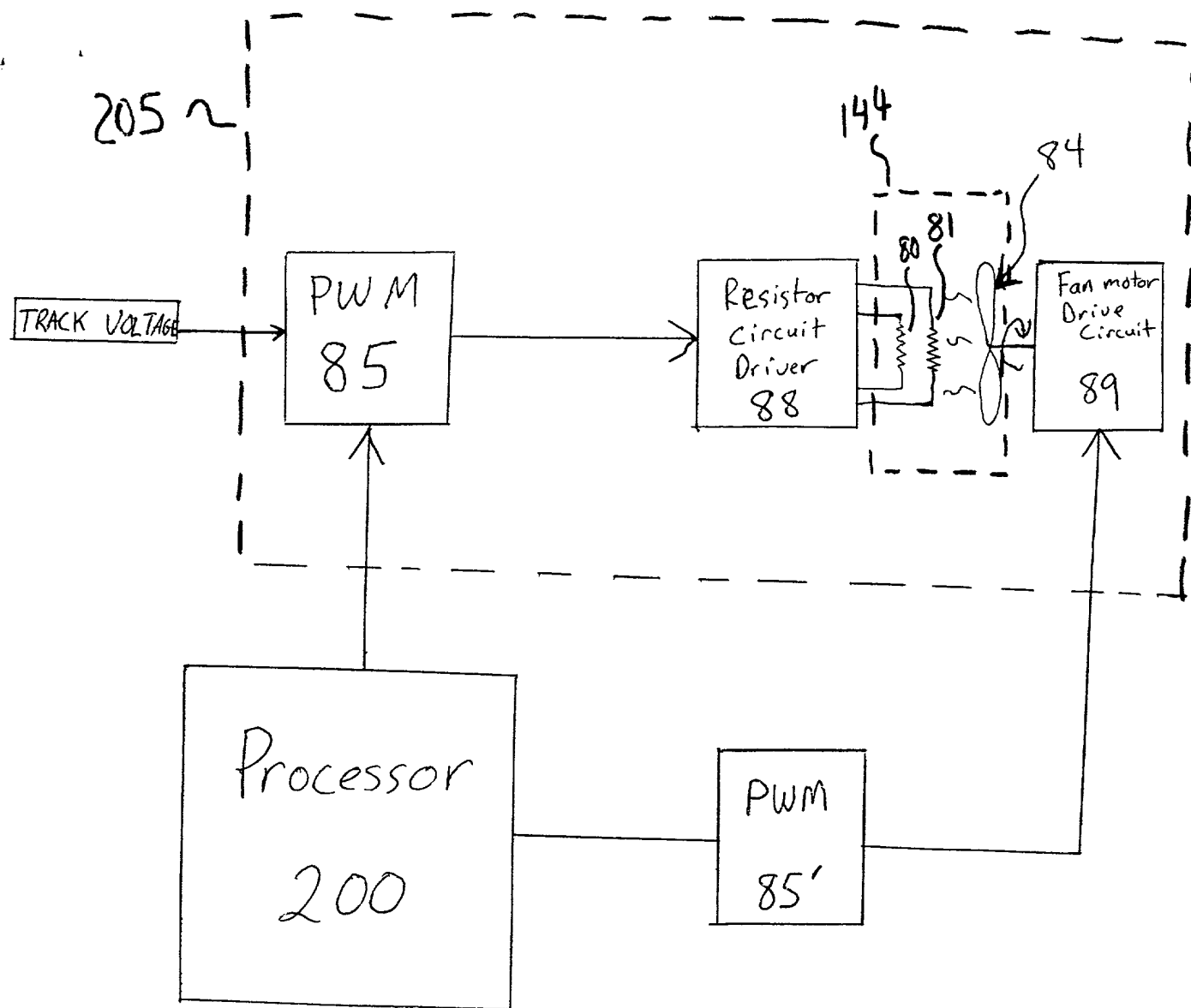


Figure 14c

P-N codes \rightarrow

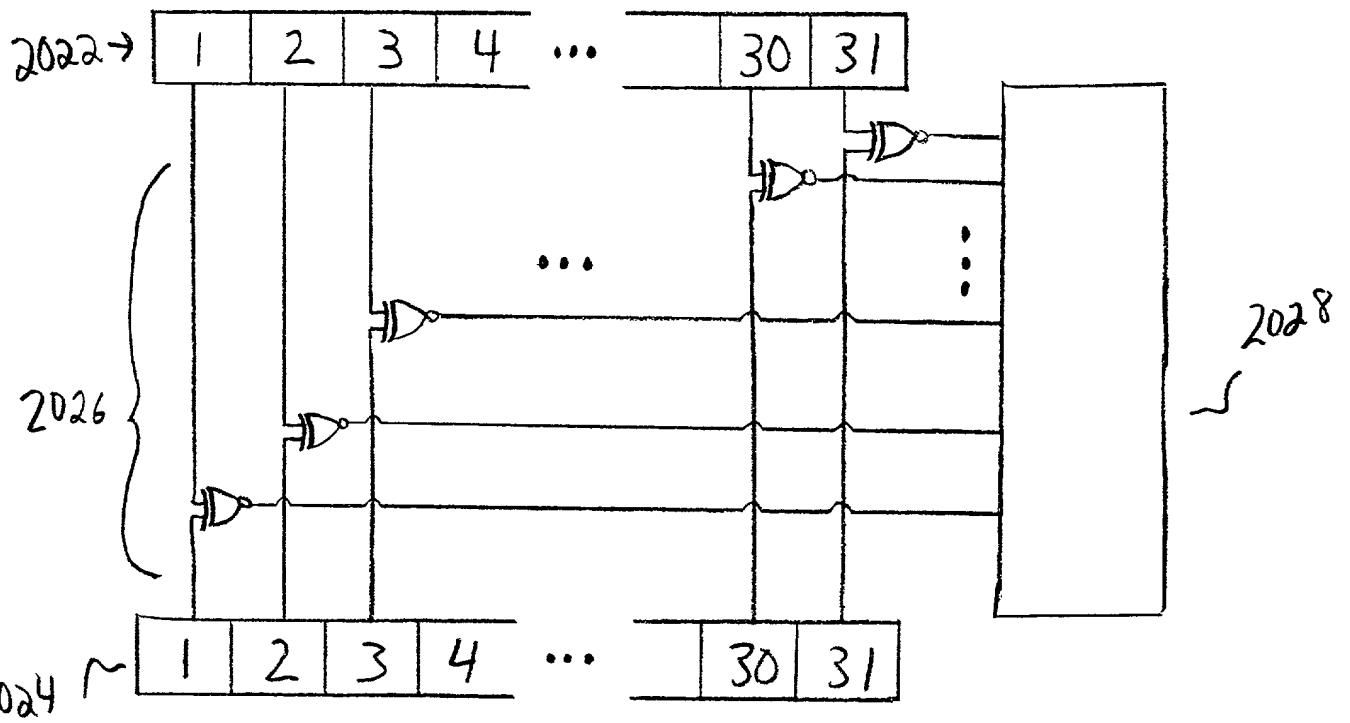


Fig. 15a [IDEAL CASE]

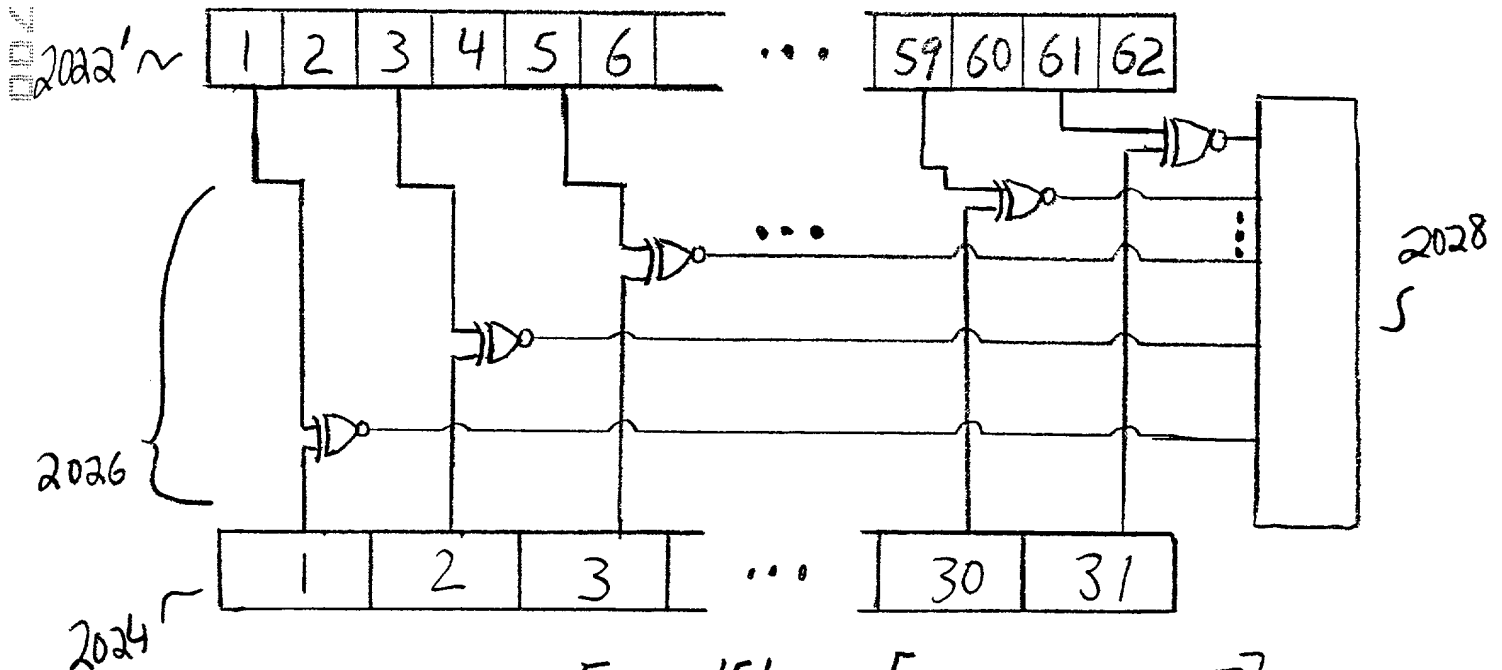


Fig. 15b [NOISY ENVIRONMENT]

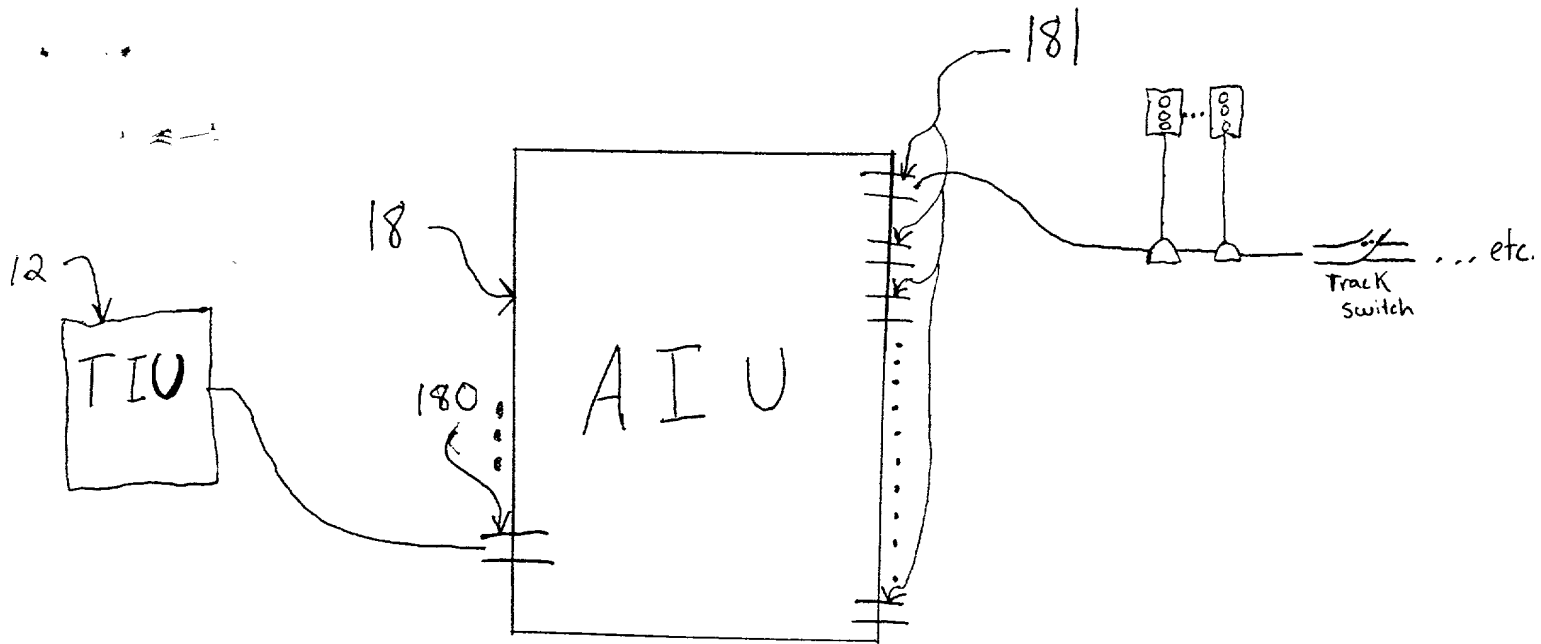


Figure 17a

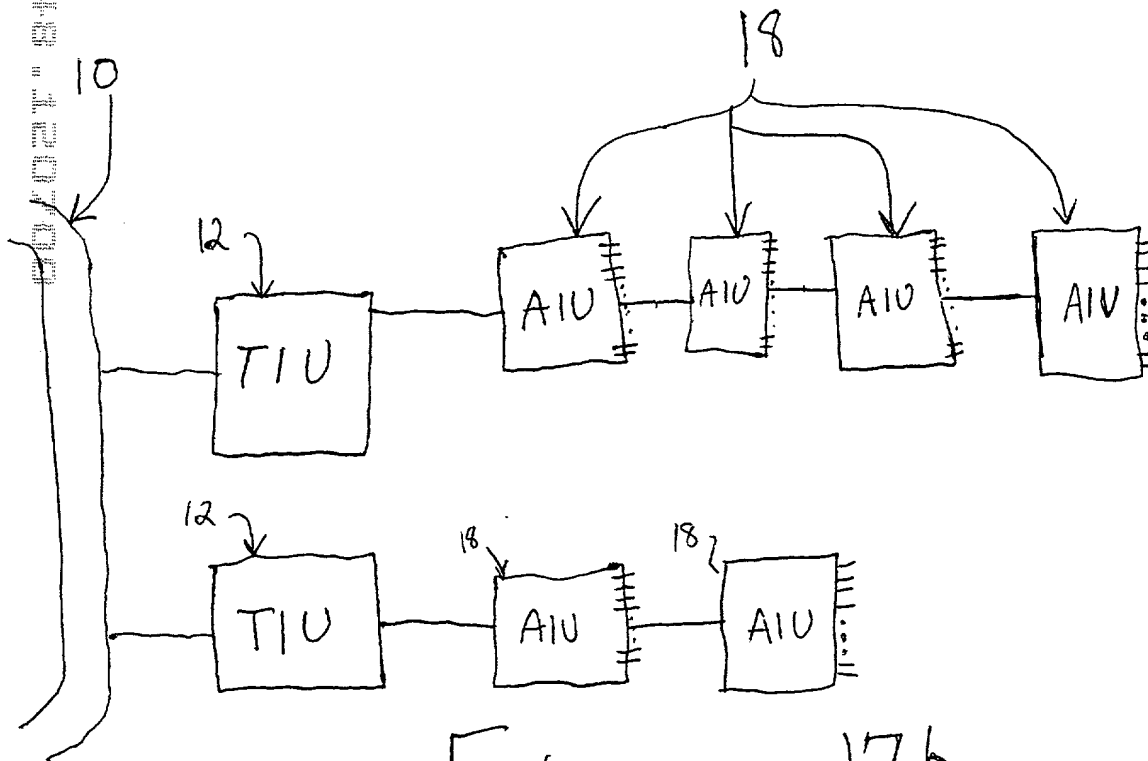


Figure 17b